

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059351.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2022 9:39
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 22 23:29:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.096	3063279	19.063 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	12.542	2481051	19.000 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T n-Nonane (C9)	2.962	2397020	19.126 ug/ml
2) T n-Decane (C10)	4.002	2393899	19.161 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2440109	19.892 ug/ml
4) T n-Dodecane (C12)	5.999	2527219	19.165 ug/ml
5) T A~2-methylnaphthalene...	6.601	2432222	19.272 ug/ml
6) T n-Tetradecane (C14)	7.780	2568460	18.989 ug/ml
7) T n-Hexadecane (C16)	9.371	2667917	18.996 ug/ml
8) T n-Octadecane (C18)	10.803	2762890	18.914 ug/ml
10) T n-Eicosane (C20)	12.105	2842969	18.957 ug/ml
11) T n-Heneicosane (C21)	12.713	2889439	18.996 ug/ml
13) T n-Docosane (C22)	13.296	2916854	19.037 ug/ml
14) T n-Tetracosane (C24)	14.393	2963664	19.140 ug/ml
15) T n-Hexacosane (C26)	15.409	2955786	19.179 ug/ml
16) T n-Octacosane (C28)	16.354	2984746	19.281 ug/ml
17) T n-Tricontane (C30)	17.238	2936092	19.331 ug/ml
18) T n-Dotriacontane (C32)	18.067	2750592	19.521 ug/ml
19) T n-Tetratriacontane (C34)	18.847	2484534	19.658 ug/ml
20) T n-Hexatriacontane (C36)	19.584	2185020	19.977 ug/ml
21) T n-Octatriacontane (C38)	20.281	1889764	20.291 ug/mlm
22) T n-Tetracontane (C40)	21.024	1715531	20.538 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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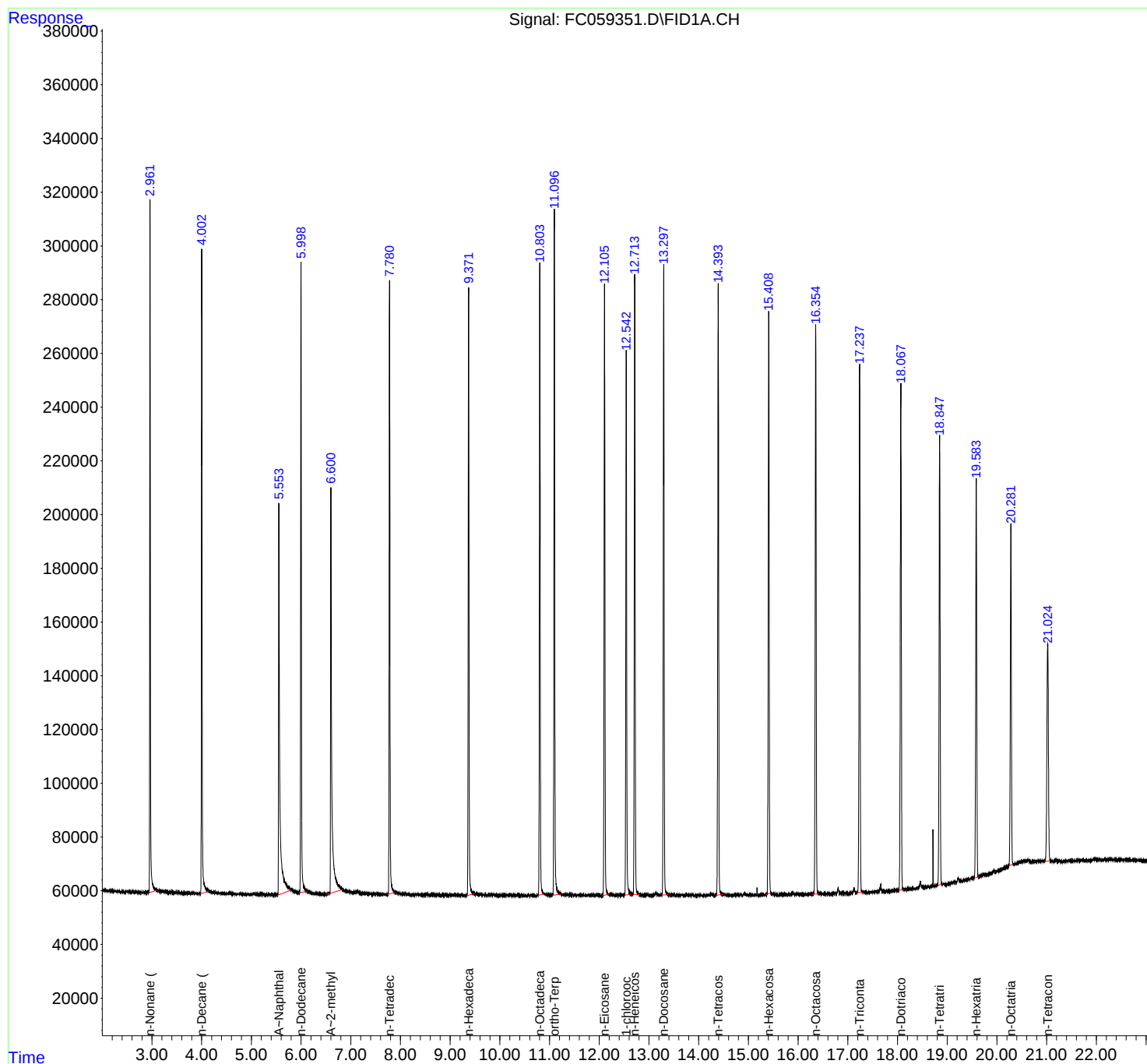
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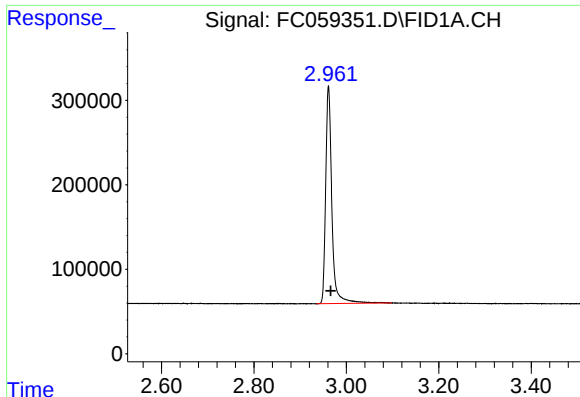
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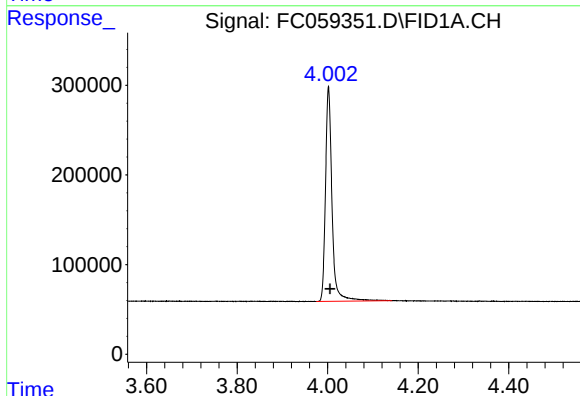
#1 n-Nonane (C9)

R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2397020
Conc: 19.13 ug/ml

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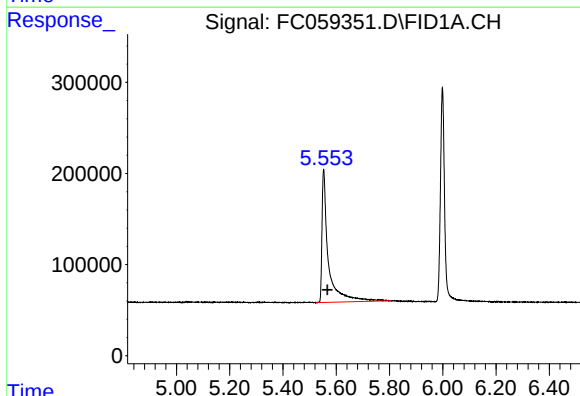
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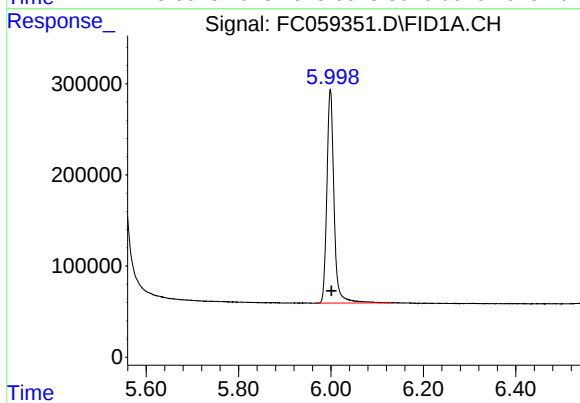
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 2393899
Conc: 19.16 ug/ml



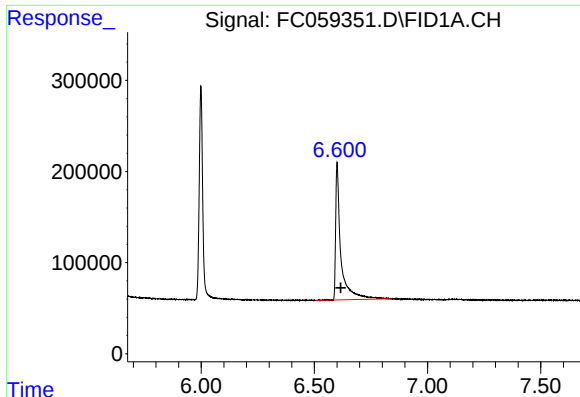
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.014 min
Response: 2440109
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 2527219
Conc: 19.16 ug/ml



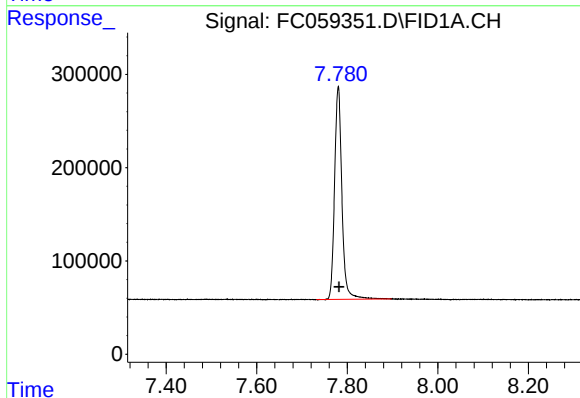
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.015 min
Response: 2432222
Conc: 19.27 ug/ml

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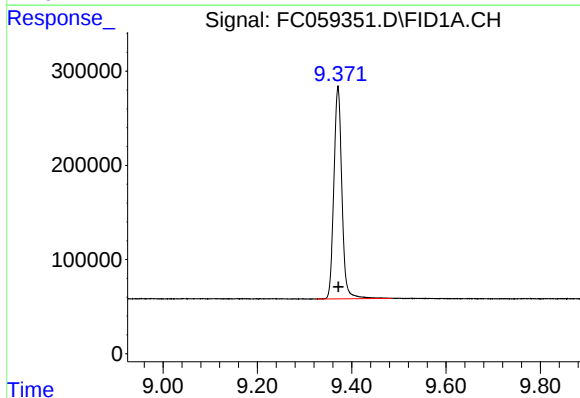
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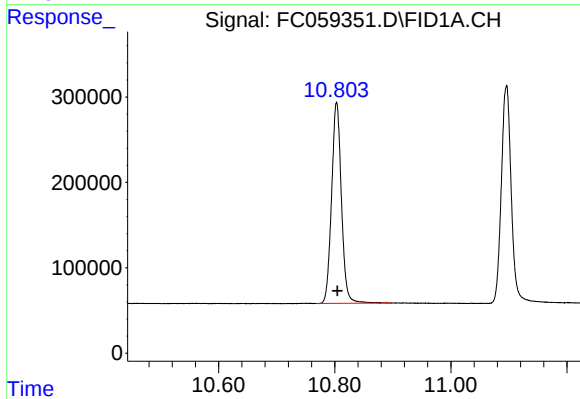
#6 n-Tetradecane (C14)

R.T.: 7.780 min
Delta R.T.: -0.002 min
Response: 2568460
Conc: 18.99 ug/ml



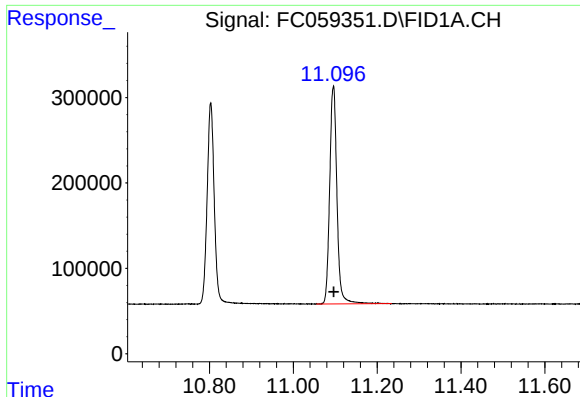
#7 n-Hexadecane (C16)

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 2667917
Conc: 19.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.803 min
Delta R.T.: -0.001 min
Response: 2762890
Conc: 18.91 ug/ml



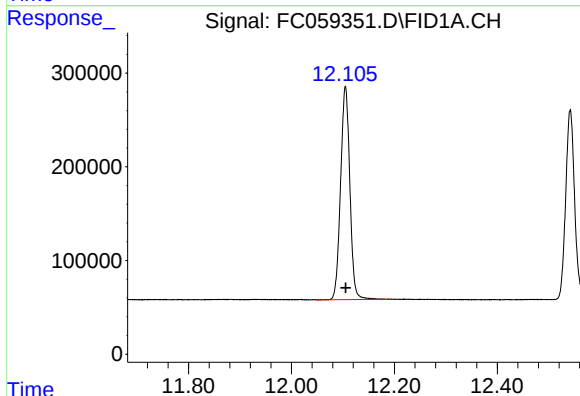
#9 ortho-Terphenyl (SURR)

R.T.: 11.096 min
Delta R.T.: -0.002 min
Response: 3063279
Conc: 19.06 ug/ml

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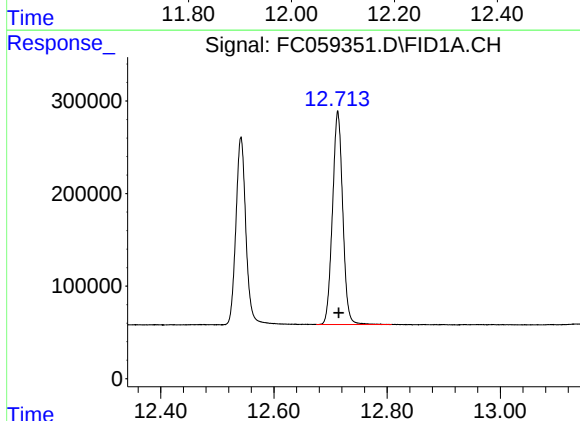
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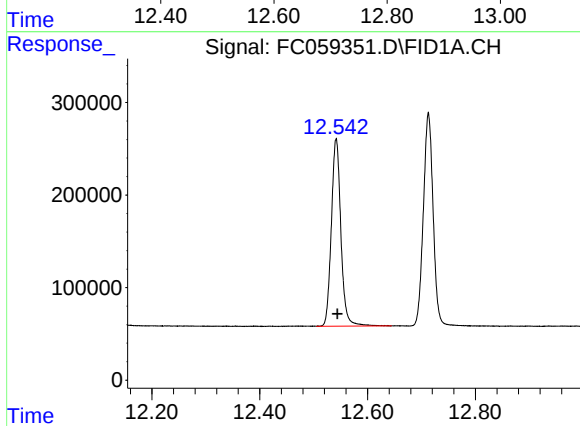
#10 n-Eicosane (C20)

R.T.: 12.105 min
Delta R.T.: 0.000 min
Response: 2842969
Conc: 18.96 ug/ml



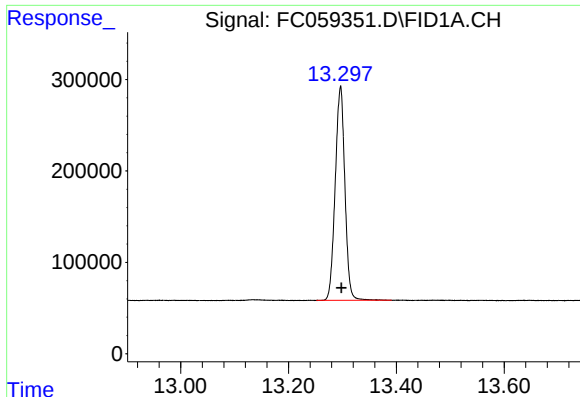
#11 n-Heneicosane (C21)

R.T.: 12.713 min
Delta R.T.: -0.002 min
Response: 2889439
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.003 min
Response: 2481051
Conc: 19.00 ug/ml



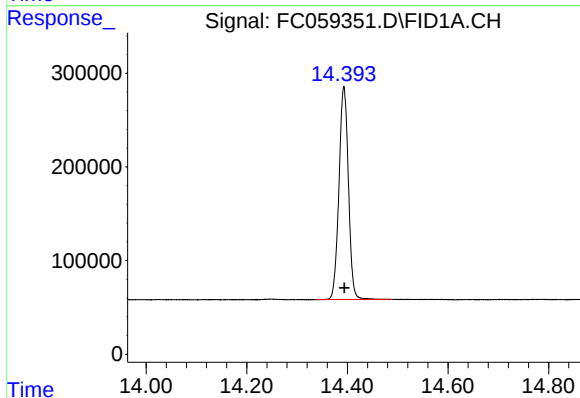
#13 n-Docosane (C22)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2916854
Conc: 19.04 ug/ml

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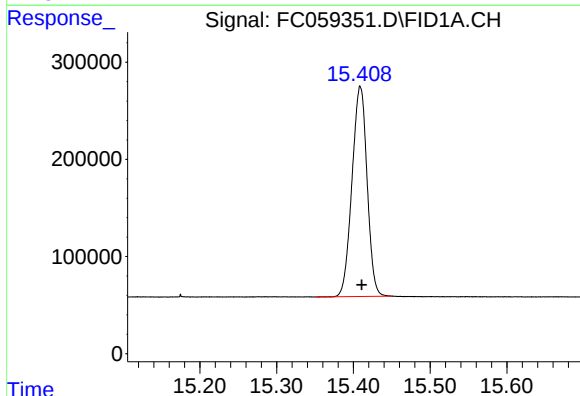
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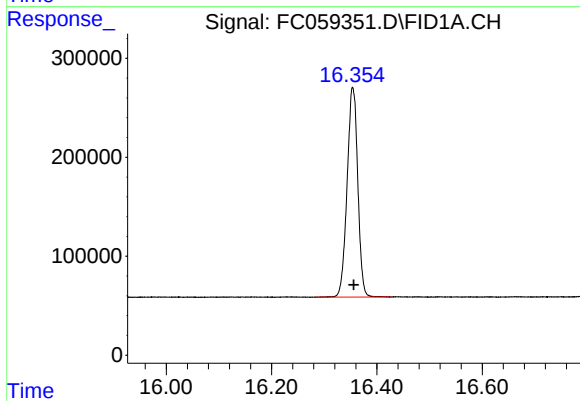
#14 n-Tetracosane (C24)

R.T.: 14.393 min
Delta R.T.: -0.001 min
Response: 2963664
Conc: 19.14 ug/ml



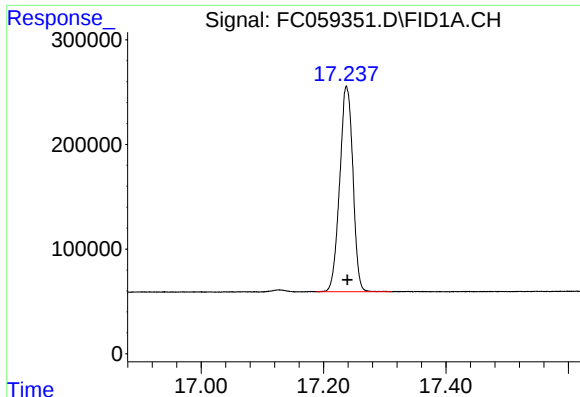
#15 n-Hexacosane (C26)

R.T.: 15.409 min
Delta R.T.: -0.002 min
Response: 2955786
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.354 min
Delta R.T.: -0.002 min
Response: 2984746
Conc: 19.28 ug/ml



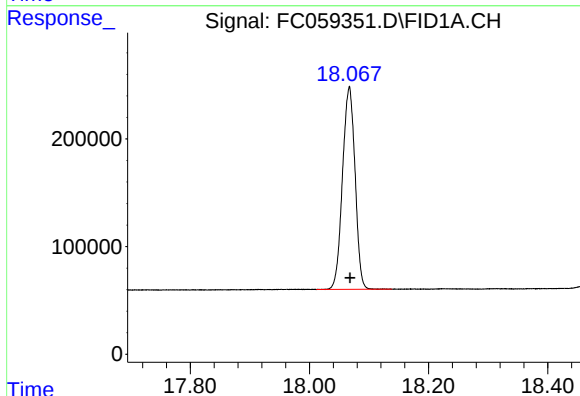
#17 n-Tricontane (C30)

R.T.: 17.238 min
Delta R.T.: -0.001 min
Response: 2936092
Conc: 19.33 ug/ml

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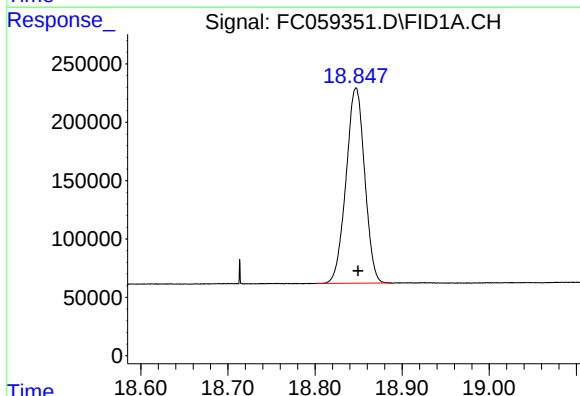
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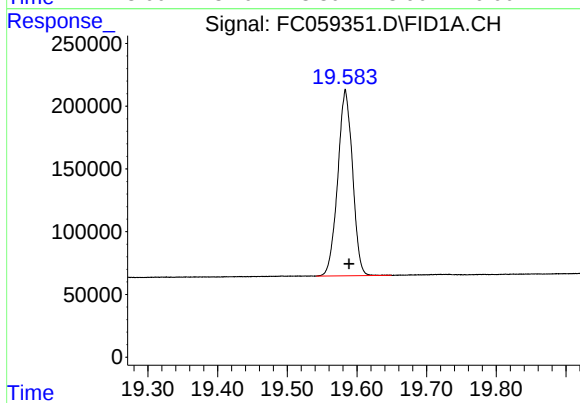
#18 n-Dotriacontane (C32)

R.T.: 18.067 min
Delta R.T.: -0.001 min
Response: 2750592
Conc: 19.52 ug/ml



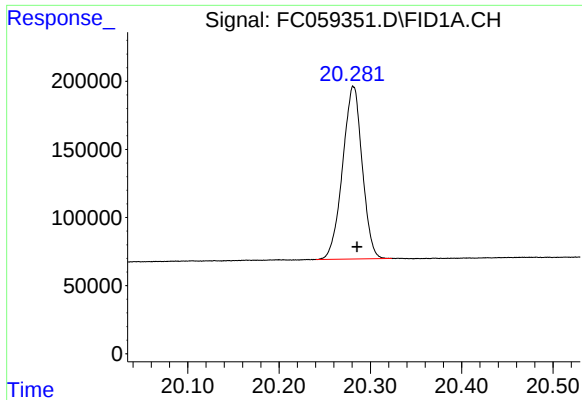
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.003 min
Response: 2484534
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.584 min
Delta R.T.: -0.005 min
Response: 2185020
Conc: 19.98 ug/ml



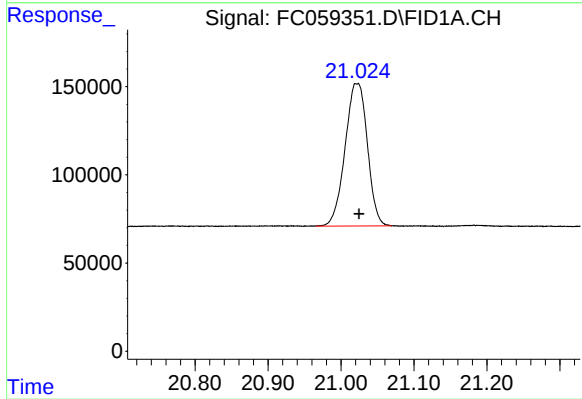
#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.005 min
Response: 1889764
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: -0.001 min
Response: 1715531
Conc: 20.54 ug/ml m